A2575-1 3/21/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MARCH* 11, 1983 **NO.** 10

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/11/83	Last Week Ending: 03/04/83	Last Year Week Ending: 03/12/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,190	11,098	11,672	+ 92	- 482
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	66.6	66.0	65.5		
Motor Gasoline					
Total motor gasoline production	5,891	5,897	6,057	- 6	- 166
Finished leaded motor gasoline production	2,674	2,870	*N/A*	- 196	*N/A*
Finished unleaded motor gasoline production	3,217	3,027	*N/A*	+ 190	*N/A*
Total motor gasoline stocks	248,533	250,044	253,069	- 1,511	- 4,536
Finished leaded motor gasoline stocks	101,978	104,549	*N/A*	- 2,571	*N/A*
Finished unleaded motor gasoline stocks	102,182	101,133	98,691	+ 1,049	+ 3,491
Distillate Fuel Oil					
Distillate fuel oil production	2,059	2,109	2,239	- 50	- 180
Distillate fuel oil stocks	141,418	144,418	135,614	- 3,000	+ 5,804
Residual Fuel Oil					
Residual fuel oil production	871	866	1,133	+ 5	- 262
Residual fuel oil stocks	51,703	53,123	60,705	- 1,420	- 9,002
Imports					
Crude oil imports	2,207	2,097	2,989	+ 110	- 782
Product imports	1,550	2,071	1,853	- 521	- 303
Crude Oil Stocks					
Crude oil stocks	358,231	359,002	388,201	- 771	- 29,970

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,037	795	821	1,569	52.3
Appal. No. 1	69	68	69	98	70.4
DISTRICT 1 TOTAL	1,106	863	890	1,667	53.4
Appal. No. 2	53	47	52	66	78.8
Ind., Ill., Ky.	1,868	1,733	1,776	2,399	74.0
Minn., Wis., Daks.	268	252	266	293	90.8
Okla., Kans., Mo.	681	598	603	858	70.3
DISTRICT 2 TOTAL	2,870	2,630	2,697	3,616	74.6
Inland Texas	485	428	475	592	80.2
Texas Gulf Coast	2,951	2,646	2,758	4,164	66.2
La. Gulf Coast	1,935	1,758	1,813	2,708	66.9
N. La. and Ark.	198	178	196	314	62.4
New Mexico	90	82	83	117	70.9
DISTRICT 3 TOTAL	5,659	5,092	5,325	7,895	67.4
DISTRICT 4 TOTAL	406	358	365	553	66.0
DISTRICT 5 TOTAL	1,943	1,860	1,913	3,083	62.0
TOTAL U.S.	11,984	10,803	11,190	16,814	66.6
TOTAL U.S. Weeks Ended:					
MAR. 4, 1983	12,012	10,759	11,098	16,814	66.0
MAR. 12, 1982	12,578	11,434	11,672	17,822	65.5
DISTRICTS 1–4 Weeks Ended:					
MAR. 11, 1983	10,041	8,943	9,277	13,731	67.6
MAR. 4, 1983	9,868	8,765	9,059	13,731	66.0
MAR. 12, 1982	10,444	9,433	9,635	14,698	65.6

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 11, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	495	197	298	5	9	199	111
Appal. No. 1	25	18	7	2	--	13	4
DISTRICT 1 TOTAL	520	215	305	7	9	212	115
Appal. No. 2	33	13	20	2	3	7	1
Ind., Ill., Ky.	1,154	523	631	26	102	300	65
Minn., Wis., Daks.	141	83	58	1	5	59	4
Okla., Kans., Mo.	354	201	153	16	28	137	13
DISTRICT 2 TOTAL	1,682	820	862	45	138	503	83
Inland Texas	217	107	110	27	26	107	12
Texas Gulf Coast	1,342	508	834	37	217	554	159
La. Gulf Coast	884	433	451	1	189	240	195
N. La. and Ark.	72	41	31	6	--	48	13
New Mexico	25	5	20	16	1	26	3
DISTRICT 3 TOTAL	2,540	1,094	1,446	87	433	975	382
DISTRICT 4 TOTAL	204	126	78	13	22	90	9
DISTRICT 5 TOTAL	945	419	526	36	232	279	282
TOTAL U.S.	5,891	2,674	3,217	188	834	2,059	871
TOTAL U.S. Weeks Ended:							
MAR. 4, 1983	5,897	2,870	3,027	191	801	2,109	866
MAR. 12, 1982	6,057	*N/A*	*N/A*	205	873	2,239	1,133
DISTRICTS 1-4 Weeks Ended:							
MAR. 11, 1983	4,946	2,255	2,691	152	602	1,780	589
MAR. 4, 1983	4,931	2,410	2,521	140	590	1,799	580
MAR. 12, 1982	5,231	*N/A*	*N/A*	135	676	1,965	723

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

SEE REVISIONS ON PAGE 8

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,226	3,151	3,075	--	100	517	8,888	1,978	--
Central Atlantic	31,313●	12,246●	15,153●	3,914	403	3,564	27,636●	19,081●	13,012
Lower Atlantic	26,447	12,824	13,303	320	131	3,586	13,267	3,960	472
DISTRICT 1 TOTAL	63,986●	28,221●	31,531●	4,234	634	7,667	49,791●	25,019●	13,484
DISTRICT 2 TOTAL	77,598●	34,821	31,738●	11,039	1,496	7,312	45,657	4,519	16,668
DISTRICT 3 TOTAL	67,125	24,144	25,181	17,800	1,945	11,056	29,454	13,638	48,800
DISTRICT 4 TOTAL	10,021	4,846	2,798	2,377	312	654	3,914	382	2,694
DISTRICT 5 TOTAL	29,803	9,946	10,934	8,923	1,373	6,071●	12,602●	8,145	28,496
TOTAL U.S.	248,533	101,978	102,182	44,373	5,760	32,760	141,418	51,703	110,142
TOTAL U.S. Weeks Ended:									
MAR. 4, 1983	250,044●	104,549●	101,133●	44,362	5,760	33,556●	144,418●	53,123●	108,515
MAR. 12, 1982	253,069	*N/A*	98,691	*N/A*	6,430	31,889	135,614	60,705	114,917
DISTRICTS 1-4 Weeks Ended:									
MAR. 11, 1983	218,730	92,032	91,248	35,450	4,387	26,689	128,816	43,558	81,646
MAR. 4, 1983	219,760●	93,109●	90,279●	36,372	4,397	27,821	131,870●	43,881●	80,189
MAR. 12, 1982	223,379	*N/A*	88,085	*N/A*	4,955	24,736	123,456	50,060	89,198

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 11, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *OCT* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	---------- Daily Average ----------				
DISTRICTS 1-4 TOTAL					
MAR. 11, 1983	5,832.4	5,860.0	2,075	201	271,937
MAR. 4, 1983	5,826.9●	--	1,942	216	273,448
FEB. 25, 1983	5,826.9●	--	1,522	190	278,499
FEB. 18, 1983	5,826.9●	--	2,350	187	282,741
DISTRICT 5 TOTAL					
MAR. 11, 1983	2,830.0	2,824.0	132	29	86,294 *
MAR. 4, 1983	2,827.2●	--	155	25	85,554
FEB. 25, 1983	2,827.2●	--	250	20	85,060
FEB. 18, 1983	2,827.2●	--	47	9	84,116
TOTAL U.S.					
MAR. 11, 1983	8,662.4	8,684.0	2,207	230	358,231 *
MAR. 4, 1983	8,654.1●	--	2,097	241	359,002
FEB. 25, 1983	8,654.1●	--	1,772	210	363,559
FEB. 18, 1983	8,654.1●	--	2,397	196	366,857
MAR. 12, 1982	8,650.2/A	--	2,989	159	388,201

**INCLUDES 28,059 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR MARCH 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 11, 1983	17,186	82,280	156,666	15,805	271,937	86,294 *	358,231 *
MAR. 4, 1983	16,733	81,669	158,875●	16,171●	273,448	85,554	359,002
MAR. 12, 1982	22,184	83,356	169,136	15,616	290,292	97,909	388,201

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 11, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	157	106	51	--	--	--	233	2	23	--	415
Central Atlantic	--	--	--	3	14	73	170	1	--	143	404
Lower Atlantic	--	--	--	--	--	--	149	--	--	--	149
DISTRICT 1 TOTAL											
MAR. 11, 1983	157	106	51	3	14	73	552	3	23	143	968
MAR. 4, 1983	156	66	90	3	16	99	1,077	10	70	51	1,482
FEB. 25, 1983	115	61	54	--	15	120	879	6	36	115	1,286
FEB. 18, 1983	152	94	58	6	7	127	731	5	72	55	1,155
DISTRICTS 2-4 TOTAL											
MAR. 11, 1983	2	1	1	--	--	3	74	249	166	24	518
MAR. 4, 1983	--	--	--	--	--	3	120	279	89	17	508
FEB. 25, 1983	--	--	--	--	--	5	88	275	100	43	511
FEB. 18, 1983	--	--	--	--	--	5	60	262	122	49	498
DISTRICT 5 TOTAL											
MAR. 11, 1983	30	22	8	--	--	6	14	6	--	8	64
MAR. 4, 1983	37	29	8	--	--	6	16	13	1	8	81
FEB. 25, 1983	39	29	10	--	--	7	50	11	--	11	118
FEB. 18, 1983	42	34	8	--	--	7	17	14	--	11	91
TOTAL U.S.	189	129	60	3	14	82	640	258	189	175	1,550
TOTAL U.S. Weeks Ended:											
MAR. 4, 1983	193	95	98	3	16	108	1,213	302	160	76	2,071
FEB. 25, 1983	154	90	64	--	15	132	1,017	292	136	169	1,915
FEB. 18, 1983	194	128	66	6	7	139	808	281	194	115	1,744
MAR. 12, 1982	209	*N/A*	84	--	42	84	1,020	270	205	12	1,853

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected n reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

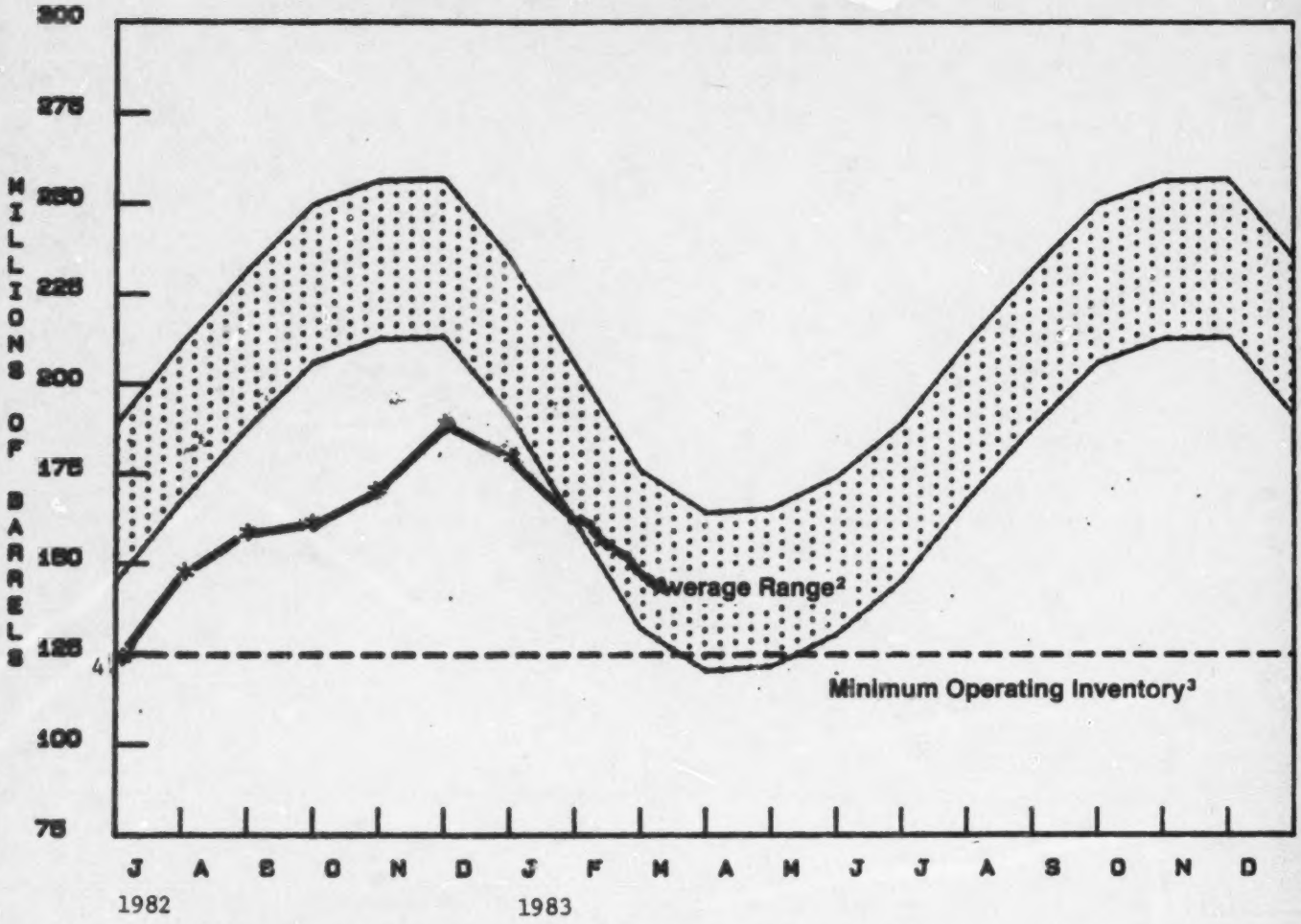
(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	February 1983	January 1983	Oct. 1982
Florida	65.0	65.0	66.0
New York-Pennsylvania	12.0	12.0	12.0
Virginia	-	-	-
West Virginia	8.0	7.0	10.0
Illinois	83.0	83.0	84.0
Indiana	13.0	13.0	13.0
Kansas	197.0	199.0	192.0
Kentucky	18.4	18.4	18.0
Michigan	86.0	88.0	83.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.0	18.0	18.0
Ohio	37.0	37.0	37.0
Oklahoma	426.0	428.0	437.0
North Dakota	138.0	135.4	135.0
South Dakota	3.0	3.0	3.0
Alabama	54.0	53.0	48.0
Arkansas	52.0	52.0	52.0
Mississippi	88.0	90.0	90.0
New Mexico-So. East	191.0	191.0	182.0
New Mexico-Other	17.5	17.5	18.0
North Louisiana	98.0	98.0	98.0
South Louisiana	1,190.0	1,176.0	1,183.0
Total Louisiana	1,288.0	1,274.0	1,281.0
Texas			
District 1	68.0	69.0	69.0
District 2	105.0	105.0	111.0
District 3	362.0	362.0	371.0
District 4	74.0	76.0	76.0
District 5	19.0	20.0	21.0
District 6, East Texas Field	142.0	143.0	143.0
Other	112.0	113.0	114.0
District 7-B	86.0	87.0	90.0
District 7-C	88.0	89.0	92.0
District 8 and 8-A	1,267.0	1,276.0	1,272.0
District 9	95.0	93.0	105.0
District 10	53.0	55.0	55.0
Total Texas	2,471.0	2,488.0	2,519.0
Colorado	82.0	82.0	83.0
Montana	83.0	84.0	83.0
Utah	63.0	63.0	63.0
Wyoming	329.0	329.0	329.0
Total Dists. 1-4	5,826.9	5,834.3	5,860.0
Alaska	1,710.2	1,726.7	1,705.0
Arizona	1.0	1.0	1.0
California	1,114.0	1,116.5	1,116.0
Nevada	2.0	2.0	2.0
Total Dist. 5	2,827.2	2,846.2	2,824.0
Total U.S.	8,654.1	8,680.5	8,684.0

REVISIONS

3/04/83	PAGE 2	KEROSINE JET	DISTRICT 5 TOTAL	211
			TOTAL U.S.	801
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	32,761
			DISTRICT 1 TOTAL	64,995
			DISTRICT 2 TOTAL	76,440
			TOTAL U.S.	250,044
			DISTRICTS 1-4	219,760
		LEADED MGAS	CENTRAL ATLANTIC	12,626
			DISTRICT 1 TOTAL	28,367
			TOTAL U.S.	104,549
			DISTRICTS 1-4	93,109
		UNLEADED MGAS	CENTRAL ATLANTIC	15,849
			DISTRICT 1 TOTAL	32,036
			DISTRICT 2 TOTAL	31,348
			TOTAL U.S.	101,133
			DISTRICTS 1-4	90,279
		KEROSINE JET	DISTRICT 5 TOTAL	5,735
			TOTAL U.S.	33,556
		DISTILLATE FUEL	CENTRAL ATLANTIC	28,894
			DISTRICT 1 TOTAL	52,556
			DISTRICT 5 TOTAL	12,548
			TOTAL U.S.	144,418
			DISTRICTS 1-4	131,870
		RESIDUAL FUEL	CENTRAL ATLANTIC	19,110
			DISTRICT 1 TOTAL	24,411
			TOTAL U.S.	53,123
			DISTRICTS 1-4	43,881
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 3	158,875
		TOTAL	PAD DISTRICT 4	16,171

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

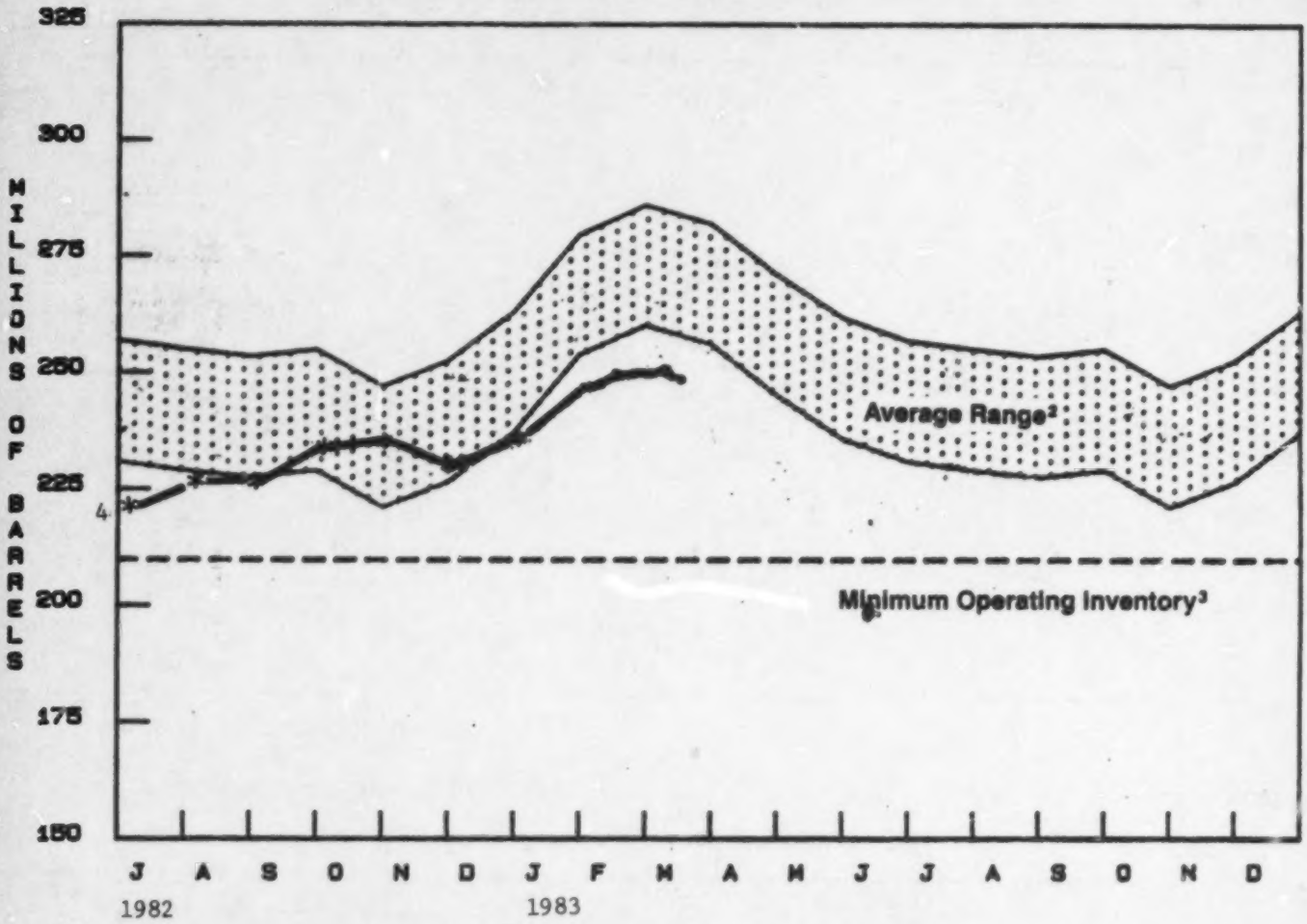
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

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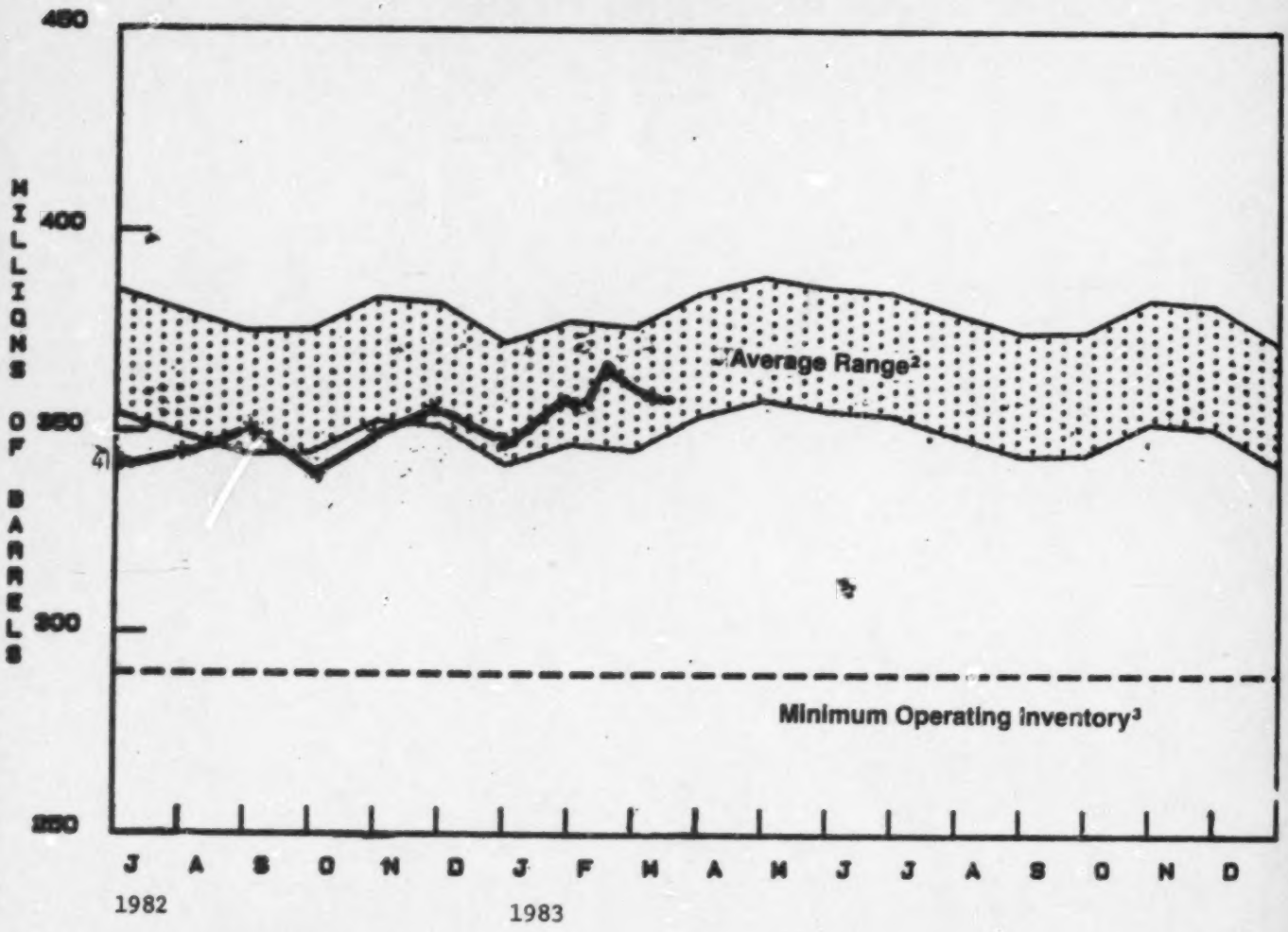
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.